FILE NAME: Newspaper & Magazine Articles (NMA)

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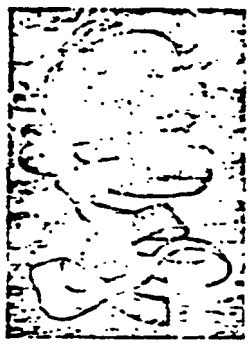
DOCUMENT DESCRIPTION: Saturday Review - Pollution Invites Disease

B.L

SATURDAY REVIEW
July 4, 19[illegible]

Four-page article on pollution, includes mention of asbestos in two paragraphs.

Physicians must adopt an environmental approach and begin to consider the effects of physical and chemical factors on health.



POLLUTION INVITES DISEASE

by DR. BERTRAM W. CARNOW

The recognition of the role of air pollution as more than a nuisance developed with the findings in industrial workers of diseases caused by inhaling large concentrations of materials in the air. Scarring and destruction of the lungs have been found in cotton workers (byssinosis), foundry workers (silicosis), and coal miners (pneumoconiosis), to name a few. Lung cancer was also found to occur with abnormally high frequency in workers exposed to uranium, nickel, chromates, and asbestos. An even greater number of workers developed lung cancer if they smoked cigarettes. Investigation into the relationship of inhaled pollutants to disease in the general population usually has resulted in the development of a significant body of knowledge regarding health effects.

In regard to the increase in lung cancer in city dwellers, it happens that from automobile exhausts and the burning of coal will cause this disease to occur in experimental animals. Asbestos, a known producer of lung cancer, is now being found in the lungs of city dwellers with no known exposure to the substance. This undoubtedly results from the use of asbestos in brake linings and from the spraying of asbestos as insulation at construction sites. Less consideration has been given to carbon black from tires and asphalt from roadbeds, both of which are also capable of producing lung cancer experimentally.